

# Contents of Marine Review, Calendar Year, 1927

## INDEX TO VOLUME LVII

### A

A brief history of an old New York shipyard.....	Aug.	50
A pilot's responsibility.....	July	20
A repair shipyard is reorganized.....	Sept.	28
Accidents in stevedoring can be reduced by co-operation.....	July	35
Additional vessels are to be dieselized.....	Aug.	12
Affleck, B. F., Great Lakes freighter.....	Aug.	31
Affleck, B. F., president, Universal Portland Cement Co.....	Aug.	31
Affleck, Mrs. B. F., sponsor at launching.....	Aug.	31
Agwisun, tanker rebuilt at Robins plant.....	March	33
Airplane carrier, Saratoga, delivery to navy.....	Dec.	43
Alexander, H. F., president, Pacific Steamship Co., sketch.....	Dec.	46
Algic, S. S., seven-year record of.....	March	11
Algonquin, coastwise passenger vessel, details.....	April	14
American association of port authorities meet at St. Louis.....	Oct.	36
American Brown Boveri announce Cornbrooks promotion.....	Dec.	45
American Brown Boveri Co. appoints John F. Metten.....	June	20
American bureau, Great Lakes committee.....	Jan.	54
American Legion, ferry, details of.....	April	44
American sailors honored by Italian Government.....	Aug.	20
American Shipbuilding Co. launches self-unloader.....	May	22
American Ship Building Co. to launch tanker.....	Dec.	43
Ann Arbor car ferry, particulars of.....	Dec.	13-15
Anniversary, seventy-five years.....	Jan.	12
Annual report shows profit.....	Oct.	23
Anticorrosive covering for marine use.....	Jan.	76
Apply channel steel system in Great Lakes freighter.....	June	31
April lake levels.....	June	50
Are lake vessels efficient?.....	June	21
Ashbee, single screw, diesel ocean freighter.....	Nov.	23
Ashley, J. S., re-elected president lake carriers.....	May	16
Asks for bids.....	Aug.	45
Assistant sales manager appointed.....	June	38
Astor builds new yacht at Krupp's.....	May	42
Atlanta office opened for Power Specialty Co.....	May	42
Atlantic coast shipbuilders association enlarged.....	Feb.	56
Audible smoke detector invented.....	July	50
August lake levels.....	Oct.	52
Augustus, liner launched.....	Jan.	76
Automobiles shipped by water on the lakes.....	June	52

### B

B. F. Affleck, Great Lakes freighter launched.....	July 41-Aug.	32
Baltimore Steam Packet Co. orders new steamer.....	Sept.	39
Barge canal terminals ready for increased traffic.....	March	26
Bath Iron Works reopened.....	Dec.	52
Beaumont plans for further improvements as ocean port.....	Oct.	32
Bedford, E. T. tanker fitted with diesel engines.....	Feb.	38
Belfort, river towboat, details of.....	April	64
Benwood, stern wheel river towboat, fully described.....	June	16
Bermuda, diesel passenger vessel for New York-Bermuda line.....	Sept.	29
Berwind-White Coal Co. to build colliers.....	Sept.	37
Bethlehem receives order for Cape Charles boat.....	Dec.	45
Bethlehem Shipbuilding Corp. get Wilcox conversion.....	Sept.	37
Bethlehem Ship Building Corp. receives coast guard orders.....	Aug.	45
Bids received on U. S. coast guard cutters.....	June	27
Bids taken on colliers for Berwind-White.....	Dec.	45
Bids to convert three vessels to diesel electric approved.....	Nov.	82
Boiler gage light resists vibration.....	June	52
Books, reviews of latest marine: Jan., 78; March, 38; May, 32; June, 38; July, 40; Aug., 42; Sept., 38; Oct., 40.....		
Bracketless system applied to tankers.....	March	48
Bradley, Carl D., self-unloader delivers cargo.....	Sept.	48
Bradley, Carl D., self-unloader launched.....	May	22
Brewster, Ralph O., governor, speaks on merchant marine.....	Dec.	43
Bridge structure moved on sliding ways.....	April	104
British exhibit of U. S. lines attracts attention.....	Oct.	37
British marine affairs.....	May	46
British marine engineering exhibition at Olympia.....	Oct.	29
British maritime affairs show decided improvement.....	May	35
British naval architects meet.....	July	46
British shipping and shipbuilding show marked revival.....	Aug.	24
British, what they are doing: Jan., 72 Feb., 34; March, 62; June, 44; July, 38; Aug., 34; Sept., 40; Oct., 42; Dec., 40.....		
Buffington harbor, Lake Michigan, described.....	Aug.	28
Build lake freight vessels quickly.....	Feb.	20
Build liner for Bermuda service.....	Sept.	29
Build new harbor at Buffington to cut cement handling costs.....	Aug.	28
Build new passenger steamers for St. Lawrence river service.....	Nov.	54
Build oil electric tugs at Panama.....	June	29
Build river boats—Dravo Contracting Co.....	May	40
Build ships or give up the sea say American naval architects.....	Dec.	29
Build sound steamer at Fore River.....	Dec.	45
Build sturdy coast guard boats.....	March	19
Build tankers on bracketless system.....	March	48
Build perfect model of ancient man of war.....	Sept.	27
Bull, Ernest M., personal sketch of.....	Feb.	28
Bunker coal used at Port Huron station.....	March	20
Bunker prices: Jan., 74; Feb., 36; March, 62; June, 45; July, 39; Aug., 35; Sept., 41; Oct., 43; Dec., 41.....		
Burner of new type for powdered coal.....	Aug.	45
Busch-Sulzer engines fitted in tanker E. T. Bedford.....	Feb.	38

Busch-Sulzer engines for tankers.....	March	48
Business news for the marine trade: Jan., 84; March, 68; June, 58; July, 54; Aug. 56; Oct., 58.....		

### C

Cadwalader, John, passenger boat, details of.....	April	38
California, duplicate vessel ordered.....	Aug.	15
California, I. M. M. passenger vessel, details of.....	April	18
California, new I. M. M. liner launched.....	Oct.	54
California rapid progress being made.....	Aug.	15
Calumet Shipyard & Drydock Co. is reorganized.....	Sept.	28
Canada Steamship lines add new passenger steamer St. Lawrence.....	Nov.	54
Canada Steamship lines inaugurate new service.....	May	50
Canadian government orders three steamships.....	Oct.	48
Canadian package boats completed by Midland S. B. Co.....	July	48
Canadian shipyard at Collingwood completes sand vessel.....	Oct.	24
Canadian vessels launched.....	Feb.	54
Canal freighters completed at Midland S. B. Co.....	Sept.	37
Capstans of electric drive for river boats.....	Aug.	40
Capt. Paul C. Greeting.....	Dec.	48
Caracas, new Red D liner, enters service.....	Oct.	41
Caracas Red D Liner launched at Newport News.....	Aug.	37
Carferry diesel drive in Danish vessel Korsor.....	July	22
Carferry for Pere Marquette ordered.....	April	100
Carferry for river service now in operation.....	Aug.	23
Carferry, Great Lakes, Wabash, described.....	Dec.	11
Cargo handling at port of New York reduced.....	June	36
Cargo handling equipment on Liverpool's new dock system.....	Sept.	32
Cargo in new self-unloader Carl D. Bradley.....	Sept.	48
Cargo movement, Great Lakes grows.....	Feb.	14
Cargo movement on the Great Lakes.....	July	48
Carronade described.....	Feb.	50
Cascajales towed to Cartagena.....	Feb.	48
Cement sack hook doesn't tear bag.....	Aug.	38
Centrifugal oil, lubricating for ships.....	Nov.	60
Chagres and Trinidad, electric tugs building at Panama.....	June	29
Channel steel barges under construction.....	April	100
Channel steel deck barge building.....	Oct.	28
Channel steel system applied in Great Lakes freighter.....	June	31
Chatham, Dorchester & Fairfax, new M. & M. ships.....	Jan.	12
Chicago to St. Louis service.....	Aug.	52
Chilore, S. S. coal loading record.....	Feb.	14
Christensen, Jacob, Norwegian freighter.....	July	46
City of Dalhart has sea trials.....	Sept.	52
City of Hamilton and City of Montreal package freighters completed.....	July	48
City of Hamilton, canal freighter illustrated.....	Oct.	48
City of Kearsburg, excursion boat details of.....	April	60
City of Montreal and City of Hamilton launched.....	Feb.	54
City of Rayville makes quick voyage.....	Oct.	50
City of Rayville sea trials.....	June	34
City of Richmond, after sinking city of Hamilton.....	April	78
Cleveland and Buffalo Transit Co., end of season.....	Oct.	48
Cleveland office opened by Vacuum Oil Co.....	May	42
Cleveland to Erie service inaugurated.....	Aug.	42
Clyde liner, Iroquois launched.....	Jan.	70
Coal bunkers for Great Lakes ships.....	March	20
Coal loading record.....	Feb.	14
Coast guard boats filled with Winton engines.....	March	19
Coast guard cutter ordered, artist's drawing.....	May	12
Coast guard cutters ordered from Bethlehem S. B. Corp.....	Aug.	45
Coast guard vessel for Egypt built at Britain.....	July	37
Codrington, George W., visits European diesel plants.....	Feb.	46
Coffin, C. W. D. writes letter to the editor.....	Nov.	76
Colliers—Berwind-White bids received.....	Dec.	45
Colliers for Berwind-White to be built.....	Sept.	37
Collingwood shipyard completes unique sand vessel.....	Oct.	24
Collision between Malolo and freighter Jacob Christensen.....	July	11
Colonial Beacon, coastwise, diesel tanker.....	Nov.	16
Company launches S. S. Dixie.....	Sept.	37
Compensation act for longshoremen in force.....	Dec.	54
Compensation given harbor workers.....	Aug.	36
Constitution, U. S. S. guns and gunnery.....	Feb.	17
Consulting engineer—Robert J. Piersol.....	Sept.	38
Continental Iron Works sold.....	March	58
Contracts awarded.....	Dec.	33
Convert S. S. Mercer to powdered coal.....	Oct.	48
Converted freighter, City of Dalhart has sea trials.....	Sept.	52
Copper sheathed rudder still on Nelson's flagship.....	Aug.	48
Cook by electricity on Malolo.....	Nov.	63
Cornbrooks made manager.....	Dec.	45
Correct engine room lighting will save operating expense.....	Sept.	22
Corpus Christi, new ocean port serves South Texas Gulf coast.....	Nov.	66
Cost of conversion of motorship Seminole.....	Dec.	27
Coulby, Harry, career sketched.....	Oct.	12
Coulby, Harry, damaged by fire while under construction.....	Aug.	45
Coulby, Harry, lake freighter launched.....	May 46, June 23	
Courageous, Defiance and Triumph, diesel electric conversion.....	Oct. 36, Nov. 80	
Craig, J. E. elected vice president Clyde and Mallory lines.....	June	48
Cramps discontinues shipbuilding.....	May	44
Crandall Engineering Co. railway and turntable.....	Feb.	40
Crapo, S. T.....	Oct.	25
Crapo, S. T. Great Lakes self-unloader launched.....	Aug.	37
Crone, John L., supervising inspector, personal sketch.....	Sept.	42

# INDEX TO VOLUME LVII—Continued

Crosline, diesel ferry.....	Nov.	40	Fast diesel freighters for Kerr line.....	June	30
Crown City, converted diesel freighter.....	Nov.	20	Fast lakes passage made.....	Dec.	43
Cruisers for U. S. navy ordered.....	May	46	Fastest ocean liners ordered in Germany.....	Jan.	76
Cuno, Dr. Wilhelm, chairman, Hamburg-American line.....	Nov.	65	Ferguson, Homer L., elected president, naval architects.....	Dec.	29
Cut cost of cargo handling at the port of New York.....	June	36	Ferry largest for automobiles ordered.....	Dec.	33
<b>D</b>					
Dalton, A. C., testimony before senate committee.....	Feb.	12	Fire damages steamer.....	Aug.	45
Dalton, Gen. A. C., presents medals to American sailors.....	Aug.	20	Fixtures electric for walls.....	Aug.	39
Dalton, Gen. A. C., vice president, Merchant Fleet Corp., personal sketch.....	Nov.	70	Flettner rudder tested on U. S. S. Converse.....	Dec.	24
December lake levels.....	Feb.	44	Floating drydock, self-docking.....	July	44
Defiance, Courageous and Triumph, diesel electric conversion Oct. 36.....			Foreign trade council, 14th annual convention.....	May	12
Del Monte, diesel fishing boat.....	Nov.	52	Freight rates, ocean: Jan., 74; Feb., 36; March, 62; June, 45; July, 39; Aug., 35; Sept., 41; Oct., 43; Dec., 41.....		
Decisions in maritime law: Jan., 48; Feb., 23; March, 28; April, 82; May, 24; June, 40; July, 28; Aug., 26; Oct., 35; Nov., 62; Dec., 42.....			French liner Ile de France large and luxurious.....	July	15
Diesel auxiliaries sold.....	March	58	Fresno, diesel electric ferry.....	Nov.	17
Diesel conversion bids received.....	March	18	Fresno, ferry, San Francisco, details of.....	April	50
Diesel conversion City of Rayville sea trials.....	June	34	From the editor's mail.....	May 32; July 40; Nov. 76	
Diesel conversion, M. S. Sawokla, sea trials.....	April	67	Fuel consumption for Hog Island freighters given.....	May	11
Diesel conversion, M. S. West Honaker.....	Jan.	43	Fuel oil contracts awarded.....	Dec.	33
Diesel conversion program of shipping board.....	Aug.	12	Fuel prices Atlantic ports: Jan., 74; Feb., 36; March, 62; June, 45; July, 39; Aug., 35; Sept., 41; Oct., 43; Dec., 41.....		
Diesel drive used in carferry Korsor.....	July	22	Furnish Bermuda liner with diesel drive.....	Sept.	29
Diesel electric conversion proposed for three freighters.....	Oct.	36	<b>G</b>		
Diesel electric drive for tanker District of Columbia.....	April	100	Galley equipment, electric on S. S. Malolo.....	Nov.	63
Diesel electric drive for three freighters.....	Aug.	50	Garlan Steamship line sells fleet of freighters.....	Sept.	52
Diesel electric drive in New York Central tugboat.....	March	16	Geared diesel drive installed in Herman Falk.....	Dec.	20
Diesel electric is practical.....	June	24	Gibbs, William Francis, personal sketch of.....	Jan.	56
Diesel electric tanker enters service.....	Aug.	45	Golden City, diesel ferryboat.....	Nov.	18
Diesel electric tankers to be built abroad.....	Sept.	52	Government, a program to get out of shipping business.....	Oct.	22
Diesel electric tugs under construction at Panama.....	June	29	Governor Moore, ferry, New York, details of.....	April	63
Diesel engine double acting, Hooven, Owens, Rentschler.....	Jan.	58	Graales, Capt. Karl, commander S. S. New York.....	May	13
Diesel engine double acting New London completes test.....	Aug.	13	Grand Rapids, carferry, Great Lakes, details of.....	April	46
Diesel engines fitted in tanker Bedford.....	Feb.	38	Great Lakes bulk cargo movement.....	Feb.	14
Diesel engines fitted in tanker Herman Falk.....	Dec.	20	Great Lakes committee American bureau.....	Jan.	54
Diesel engines of many types illustrated and described.....	Nov.	11-53	Great Lakes Engineering Works builds largest ferry.....	Dec.	33
Diesel engines ordered.....	March	48	Great Lakes Engineering Works launches A. F. Harvey.....	May	20
Diesel ferries for city of New York launched.....	Aug. 23, Sept. 39		Great Lakes lake carriers association meets.....	May	16
Diesel freighter, City of Dalhart has sea trials.....	Sept.	52	Great Lakes—largest American cargo carrier.....	Oct.	12
Diesel freighter Japanese Prince makes record.....	June	27	Great Lakes protective association annual report.....	May	17
Diesel freighters, 16-knot speed for Kerr line.....	June	30	Great Lakes Red Book 1927 edition ready.....	June	42
Diesel generators ordered for coast guard cutters.....	Oct.	54	Great Lakes severe weather conditions.....	Feb.	13
Diesel installation in tanker Mohawk improves operation.....	Nov.	61	Great Lakes shipbuilding active.....	Jan.	47
Diesel or oil-electric ferry proposed.....	May	26	Great Lakes shipyards are busy.....	Feb.	21
Diesel ships, twenty-two, described.....	Nov.	11-53	Great Lakes steamer uses radio compass.....	Jan.	68
Diesel ships, where to find them, an index.....	Nov.	13	Grening, Capt. Paul C. made European director.....	Dec.	48
Diesel stern wheel towboat Benwood.....	April	72	Griffiths, Capt. James, president, James Griffiths & Sons.....	May	38
Diesel tanker ordered by Standard Oil Co. of Ind.....	May	42	Gulfride, diesel tanker.....	Nov.	24
Diesel tug used in Catalina service.....	Aug.	33	Gulfride motorship launched at Federal yard.....	Feb.	44
Diesel, twin drive river sternwheel towboat.....	Oct.	27	Gulfride, ocean tanker, details of.....	April	28
Diesels—eight large units ordered for conversion.....	Oct.	28	Guns & gunnery, old Ironsides—III.....	Feb.	17
Difficult weld made on Norwegian tanker.....	Aug.	41	<b>H</b>		
Director of operations.....	May	23	Hanna Engineering Works riveter described.....	March	31
Disasters, late flashes on: Jan., 80-82; Feb., 70; March, 66; April, 92; May, 37; June, 43; July, 52; Aug., 44; Oct., 56, Dec., 56.....			Harbor at Buffington on Lake Michigan described.....	Aug.	28
Distinctive ships building in American shipyards.....	April	12-66	Harbor workers and longshoremen's compensation act.....	Aug.	36
District of Columbia to be converted to diesel electric.....	April	100	Harry Coulby, S. S. largest lake cargo carrier described.....	Oct.	12
Diversion at Chicago declared legal.....	Dec.	45	Hartley, Commander Herbert, commander of S. S. Leviathan, honored.....	Nov.	59
Dixie, S. S. Southern Pacific passenger vessel launched.....	Sept. 31-37		Harvey, A. F., Great Lakes freighter launched.....	May	20
Do big rebuilding job on S. S. Havana.....	Sept.	17	Havana, passenger steamer rebuilt.....	Sept.	17
Dock management progress section: Jan., 50; Feb., 24; March, 26; May., 28; June, 36; July, 35; Aug., 28; Sept., 32; Oct., 32; Nov., 66; Dec., 36.....			Herman Falk, tanker fitted with geared diesel drive.....	Dec.	20
Dollar, Capt. Robert, president Dollar S. S. Co. personal sketch.....	Oct.	41	Herman Falk, twin geared diesel tanker.....	Nov.	26
Dollar, Stanley, says mail contracts are needed.....	Oct.	36	Hog Island type freighters fuel consumption.....	May	14
Charles C. Donoghue, ferry, Boston, details of.....	April	59	Hoists, electric for launching boats.....	Sept.	35
Dravo Contracting Co. to build river boats.....	May	40	Hooven, Owens, Rentschler double acting engine tested.....	Jan.	58
Dredge bit is protected with stellite.....	July	30	Hovey, W. S., elected president of Fairbanks-Morse Co.....	May	26
Drydock floating arranged for self-docking.....	July	44	Hovey, W. S., president Fairbanks-Morse Co.....	Oct.	31
Drydock for Oakland under construction.....	Nov.	74	Hudson river liner launched at Washington.....	March	15
Drydock, 25,000 tons building at Hamburg.....	Oct.	31	Hull 107, twin screw diesel tanker.....	Nov.	15
Duplicate of S. S. California ordered.....	Aug.	15	Hull, V. K., elected v. pres. of New York & Porto Rico Steamship Co.....	June	48
<b>E</b>					
Earle Gear & Machine Co. open New York office.....	Oct.	54	Humphrey, Gen. Charles F., Governors Island ferry.....	May	26
Earnings Lloyd Sabauda increase 50 per cent.....	June	34	Hydraulic No. 3, diesel pump drive dredge.....	Nov.	21
Efficiency improved by using superheat.....	June	13	<b>I</b>		
Egyptian vessel is given fine model.....	July	37	Icebound—no danger to men or ships.....	Feb.	13
El Amir Farouq Egyptian coast guard vessel.....	July	37	Ile de France, her public rooms illustrated.....	Aug.	14
Electric diesel drive—a summary of who's who.....	Nov.	74	Ile de France sails from Havre on maiden voyage.....	July	15
Electric diesel tankers to be built abroad.....	Sept.	52	Improved fuel consumption for Hog Island freighters.....	May	14
Electric drive capstan for river boats.....	Aug.	40	Improve river towboat design.....	June	16
Electric drive for new coast guard cutters.....	May	12	Indicator for path and position of ship described.....	Sept.	35
Electric galley equipment on S. S. Malolo.....	Nov.	63	Ingersoll Rand oil engine in tug.....	March	16
Electric hand saw of portable type.....	Aug.	38	Injuries on shipboard, how to reduce.....	Oct.	26
Electric hoists for launching boats.....	Sept.	35	Inspectors wanted for steamboat inspection.....	June	34
Electrify shipboard auxiliaries for more economical operation Nov. 57; Dec. 34.....			Inter-Island to have new geared turbine vessel.....	Sept.	25
Elkton, shipping board freighter lost at sea.....	May	42	Interlake Steamship Co. re-elects directors.....	July	41
Equipment used, afloat and ashore: Jan., 76; March, 31; June, 39; Aug., 38; Sept. 36.....			International Mercantile Marine Co. liner, California launched.....	Oct.	51
Evangeline, S. S. and sister S. S. Yarmouth nearing completion.....	June	22	Irona, S. S. United Fruit steamer completed.....	July	46
Evangeline, S. S. launched at Cramps.....	March	58	Iron Steamboat Co. to build steamers.....	Sept.	39
Exhibit, marine British.....	May	46	Iroquois S. S. launched at Newport News.....	Jan.	70
Exhibition at Olympia marks progress in marine engineering.....	Oct.	29	Iroquois, passenger vessel, details of.....	April	15
<b>F</b>					
Fairbanks-Morse Co. elects president.....	May	26	Isherwood bracketless system.....	March	48
Fairbanks-Morse smaller diesel engines described.....	Feb.	26	Italian government honors American sailors.....	Aug.	20
Fairfax, coastwise vessel, details of.....	April	34	I. M. M. company order duplicate of S. S. California.....	Aug.	15
Farley, R. H., retires as traffic manager.....	March	31	<b>J</b>		
Farrell, J. J.....	July	37	January lake levels.....	March	59
<b>G</b>					
			Jenkins, J. Caldwell, appointed vice president Merchant Fleet Corp.....	June	56
			June lake levels.....	Aug.	20
			July lake levels.....	Sept.	50

# INDEX TO VOLUME LVII—Continued

## K

Keel for sister ship laid at Newport News.....	Dec.	43
Keene, W. B., joins Munson Steamship lines.....	Jan.	47
Kelly, E. A., appointed director of operations.....	May	23
Kelly, E. A., appointed vice president Merchant Fleet Corp.....	June	56
Kelly, W. C. Barge line, new diesel towboat, Duncan Bruce.....	Oct.	27
Kinloch, self-unloader launched.....	March	48
Krupps in Germany to build a yacht for Astor.....	May	42
Kysant, Baron, photograph of.....	Jan.	49

## L

Lake diversion permit declared valid.....	Dec.	45
Lake draft is increased.....	June	42
Lake George, S. S. makes fast lakes passage.....	Dec.	43
Lake levels December.....	Feb.	44
Lake levels for April.....	June	50
Lake levels for August.....	Oct.	52
Lake levels for July.....	Sept.	50
Lake levels for June.....	Aug.	20
Lake levels for October.....	Dec.	54
Lake levels, January.....	March	58
Lake levels, March.....	May	44
Lake levels, November.....	Jan.	70
Lake shipyards busy, a review after personal inspection.....	June	28
Lake to ocean service.....	July	41
Lake traffic huge.....	Jan.	54
Lake vessels, are they efficient.....	June	21
Lake vessels efficiency of machinery studied, Part I, Feb., 15; Part II, March, 23; Part III, April, 88; Part IV, May, 33.		
Lakes, what's doing around: Jan., 72; Feb., 34; March, 62; June, 44; July, 38; Aug., 34; Sept., 40; Oct., 42; Dec., 40.		
La Playa, diesel electric drive.....	Nov.	19
Large ferry ordered for Detroit & Windsor service.....	Dec.	33
Largest laker proves efficient in service.....	Aug.	18
Largest marine diesel engine tested.....	Jan.	58
Larsen, C. A., largest whaling ship illustrated.....	Aug.	27
Last trip of season between Cleveland and Buffalo.....	Oct.	43
Late flashes on marine disasters: Jan., 80-82; Feb., 70; March, 66; April, 92; May, 37; June, 43; July, 52; Aug., 44; Oct., 56; Dec., 56.		
Latest marine events in pictures: Jan., 49; Feb., 19; March, 25; April, 78; May, 25; June, 35; July, 29; Aug., 27; Sept., 31; Oct., 31; Nov., 65.		
Launch diesel ferries for city of New York.....	Aug.	23
Launch diesel tug.....	Jan.	54
Launch Italian liner, Augustus.....	Jan.	76
Launch lake freighter B. F. Affleck at Toledo.....	Aug.	32
Launch lake freighter, Harry Coulby.....	May	46
Launch large motorship at Federal yard.....	Feb.	44
Launch liner Shawnee at Newport News.....	May	46
Launch Miami liner at Newport News.....	Jan.	70
Launch Red D Liner Caracas at Newport News.....	Aug.	37
Launch S. S. California at Newport News.....	Oct.	54
Launch S. S. Dixie, new southern Pacific passenger liner.....	Sept.	37
Launch S. S. Evangeline at Cramps.....	March	58
Launch A. F. Harvey, Great Lakes freighter.....	May	26
Launch S. S. Laurentic for White Star line.....	July	46
Launch new Hudson river day liner at Washington.....	March	15
Launch second car ferry at Manitowoc.....	March	36
Launch self-unloader at Great Lakes Engineering Works.....	Aug.	31
Launch self-unloader, Kinloch.....	March	48
Launch self-unloading cement vessel S. T. Crapo.....	Oct.	25
Launch steam tanker Axtell J. Byles.....	Sept.	44
Launch two New York diesel ferries.....	Sept.	39
Launch Wabash car ferry at Toledo.....	May	21
Launching illustrated of the S. S. Harry Coulby.....	June	23
Laurentic launched for White Star line.....	July	46
Law, latest, maritime decisions: Jan., 48; Feb., 23; March, 28; April, 82; May, 24; June, 40; July, 28; Aug., 26; Oct., 35; Nov., 62; Dec., 42.		
Lea, R. B., promoted by Sperry Gyroscope Co.....	June	38
Lemoyne, Canadian steamer takes record cargo of rye.....	June	50
Lemoyne, largest Canadian freighter proves efficient.....	Aug.	18
Levels Great Lakes, November.....	Jan.	70
Levels, December lake.....	Feb.	44
Levels for January.....	March	58
Levels of the Great Lakes.....	June	50
Levels of the Great Lakes for August.....	Oct.	52
Levels of the Great Lakes for July.....	Sept.	50
Levels of the Great Lakes for March.....	May	44
Levels of the Great Lakes for October.....	Dec.	54
Levels, the Great Lakes for June.....	Aug.	20
Leviathan in drydock, power and stern.....	April	78
Lighthouse has power generating plant.....	Aug.	40
Lighting for ships studied with recommendations.....	Sept.	22
Liverpool's new dock system has modern cargo handling equipment.....	Sept.	32
Lloyd Sabauda earnings increase 50 per cent.....	June	34
Lloyd's register of shipping returns.....	Feb.	54
Lloyd's report on shipbuilding.....	Aug.	37
Load line, in commissioner's report.....	Dec.	43
Loomis, Edward E., with record package cargo.....	Aug.	45
Lord Nelson's flagship, Victory.....	Aug.	48
Lost at sea, S. S. Elkton.....	May	42
Louisiana, Catamaran ferry, details of.....	April	65
Lubricating engines Great Lakes vessels.....	June	39

## M

Machinery and shipping.....	March	46
Madison, car ferry launched at Manitowoc.....	March	36
Mail contracts needed.....	Oct.	36
Maimuna, diesel coastal freighter.....	Nov.	22
Maine's governor speaks on merchant marine.....	Dec.	43
Maintain canal depth.....	March	27
Make use of sail power aided by auxiliary motors.....	June	11
Makes long tow in record time.....	Feb.	48

Malolo begins service to Honolulu.....	Dec.	39
Malolo near completion.....	June	34
Malolo, passenger liner, details of.....	April	22
Malolo severely damaged remained afloat and stable.....	July	11
Malolo, soon ready.....	Sept.	21
Manitowoc launches car ferry Madison.....	March	36
Manitowoc Shipbuilding Corp., view of the plant.....	May	25
March lake levels.....	May	44
Marine business statistics condensed: Jan., 55; Feb., 32; March, 32; April, 80; May, 31; June, 41; July, 34; Aug., 43; Sept., 34; Oct., 39; Nov., 84; Dec., 44.		
Marine diesel engines, annual review.....	Nov.	11-53
Marine engineering company organized.....	July	41
Marine engineers call on the President.....	March	56
Marine exhibit at Seattle.....	Aug.	41
Marine exhibitors at merchants' exposition, Seattle.....	Aug.	8-13
Sept. 20		
Marine section of merchant exposition Seattle.....	Sept.	19
Marine section, safety council meets.....	Jan.	76
Marine standards committee studies safety.....	March	29
Marine superintendent New England Steamship Co.....	Dec.	33
Marine trade organizations: Jan., 84; March, 68; June, 58; July, 54; Aug., 56; Oct., 58.		
Maritime law, late decisions in: Jan., 48; Feb., 23; March, 28; April, 82; May, 24; June, 40; July, 28; Aug., 26; Oct., 35; Nov., 62; Dec., 42.		
Matson line places new liner, Malolo, in service.....	Dec.	39
McConkey, J. F., appointed west coast representative.....	Sept.	50
McCool, Daniel, twin screw diesel cement carrier.....	May	25
McIntosh & Seymour engine in West Honaker.....	Jan.	43
McKay, Donald, famous shipbuilder, memorial proposed.....	May	23
McKay, Donald, memorial to.....	Aug.	20
McKenzie, I. L., consulting engineer opens office.....	July	37
Mechanical devices used to cut cargo handling cost.....	June	37
Memorial proposed for famous shipbuilder Donald McKay.....	May	23
Mercer, S. S. ocean freighter converted to burn pulverized coal.....	Dec.	19
Merchant Fleet Corp. director of operations appointed.....	May	23
Merchant marine is economically justified.....	May	11
Merchant marine is necessary to guarantee national safety.....	Oct.	11
Merchant marine necessary for naval parity.....	Aug.	11
Merchant marine statistics.....	March	44
Merrimac, diesel coastal freighter.....	Nov.	38
Metten, John F., appointed vice president American Brown Boveri.....	June	20
Metten, John F., heads new engineering company.....	July	41
Midland Barge Co. to build river towboat.....	Oct.	48
Midland has completed canal freighters.....	Sept.	37
Midland Shipbuilding Co. launches two vessels.....	Feb.	54
Model of ancient man of war illustrated.....	Sept.	27
Modern sand vessel completed.....	Oct.	24
Modern steering equipment for diesel drive ships.....	Nov.	64
Mohawk, small tanker, converted to diesel.....	Nov.	61
Moore and McCormack buy Garland ships.....	Sept.	52
Moran, Susan A., tug makes long tow.....	Feb.	48
Morfee, Sidney B., builds perfect model of ancient man of war.....	Sept.	27
Morse, W. W., made operating manager.....	May	26
Mortising hull electrically driven.....	June	52
M. S. Seminole with D. A. diesel made good speed on sea trials.....	Dec.	25
Motorships, Jacksonville and Ashbee, sold.....	Oct.	40
Mott Haven diesel ferry for New York.....	Aug.	23
Mott Haven, Greenwich Village, launched.....	Sept.	39
Mud and silt removed by mechanical process.....	June	42
Multnomah, ferry.....	Nov.	51

## N

Nautucket to build third vessel for service.....	Dec.	45
Nashville, B., river towboat, details of.....	April	66
National foreign trade council meets.....	May	12
National safety council meets at Chicago.....	Sept. 26-30	44
Naval architects—a report.....	Dec.	29
Naval architects, British hold summer meeting.....	July	46
Naval architects, British to meet.....	March	58
Naval architects meet in Great Britain.....	June	34
Naval architects meet in New York.....	Nov. 10-11	80
Naval parity is impossible without a merchant marine.....	Aug.	11
Navigation commissioner appointed.....	July	41
Navigation, new aids to.....	Sept.	35
Navigation opens between Cleveland and Buffalo.....	May	50
Nelson, first British post war battleship.....	June	35
New channel steel hulls for derrick barge.....	April	100
New Clyde liner Shawnee on vacation cruise.....	Aug.	45
New Hamburg-American liner arrives on maiden voyage.....	May	13
New Jersey, pipe line dredge, diesel electric power.....	Nov.	30
New London double acting diesel engine completes test.....	Aug.	13
New Orleans favored by port development.....	Jan.	50
New passenger liner Yarmouth enters Boston-Nova Scotia run.....	Sept.	11
New steamer goes into service, Hudson river line.....	July	18
New trade publications: Jan., 84; March, 68; June, 58; July, 54; Aug., 56; Oct., 58.		
New York Central lines No. 34 tug.....	March	16
New York Central No. 34, harbor tug, details of.....	April	48
New York, new Hamburg-American liner arrives in New York.....	May	13
New York port of, reduces cost of cargo handling.....	June	36
Newark terminal, chief engineer.....	Jan.	68
Newest self-unloader delivers first cargo.....	Sept.	48
Newman, Capt. Q. B., photograph of.....	May	12
Newport News Shipbuilding Co. launches S. S. Shawnee.....	May	46
Nordberg, steam engine built for Mississippi Barge line.....	June	50
Norfolk has modern terminal facilities.....	Feb.	24
North German Lloyd orders fast liners.....	Jan.	76
Northland, coast guard cutter, details of.....	April	42
November lake levels.....	Jan.	70
Nyland, H. Z., letter to editor.....	May	32

O

Oakland to have 15,000-ton drydock.....	Nov. 74
Ocean freight rates: Jan., 74; Feb., 36; March, 62; June, 45; July, 39; Aug., 35; Sept., 41; Oct., 43; Dec., 41.	
O'Connor, T. V., shipping board chairman, sketch.....	April 70
O'Connor, T. V., testimony before Senate committee.....	Feb. 12
October lake levels.....	Dec. 54
Ohio river system traffic increases.....	Sept. 21
Ohio Valley Improvement association meets.....	Nov. 72
Oil cup new design for steam engines.....	June 39
Old Ironsides, guns and gunnery—III.....	Feb. 17
Olympia exhibit of U. S. lines attracts attention.....	Oct. 37
Operating manager appointed.....	May 26
Ordeman, H. W., appointed chief engineer.....	Jan. 68
Order auxiliary diesels.....	March 58
Order eight large diesels for conversion.....	Oct. 28
Order large yacht.....	Oct. 40
Orders new steamer.....	Sept. 39

OBITUARY

Bessant, George W.....	July 37
Bowles, Francis T.—1868-1927.....	Sept. 28
Carpenter, Benjamin.....	May 26
Coxe, William G.—1868-1927.....	Aug. 50
Gillmore, T. R.....	Oct. 34
Goodman, William.....	May 26
Huntington, H. E.—1850-27.....	July 20
McAlpine, Capt. Hugh.....	Dec. 48
Rossell, Axel—1865-1927.....	July 46
Sailor, Harry F.....	Aug. 36
Spilman, Capt. John A.....	Feb. 44
Tripp, Guy Eastman—1865-1927.....	July 31

P

Package freight on Great Lakes increased.....	Aug. 45 Nov. 82
Panama Pacific vessel, keel laid.....	Dec. 43
Papers to be read before the naval architects in New York Nov. 80	
Passenger boat complete for Canada S. S. lines.....	July 41
Passenger liner, Caracas, new vessel enters service.....	Oct. 41
Passenger liner, Yarmouth, enters Boston and Nova Scotia service.....	Sept. 11
Passenger tanker ex-Silvanus rebuilt.....	July 21
Passenger quarters are improved.....	April 68
Pennsylvania railroad orders Cape Charles boat.....	Dec. 45
Penton, Henry—Reduce lake vessels' fuel bill, Part I, Feb., 15; Part II, March, 23; Part III, April, 88; Part IV, May, 33.	
Peralta, ferry, details of.....	April 26
Personal sketches of marine men: Jan., 56; Feb., 28; March, 34; April, 70; May, 38; June, 46; July, 42; Aug., 46; Sept., 42; Oct., 44; Nov., 70; Dec., 46.	
Philadelphia, Delaware river ferry, details of.....	April 61
Philbin, J. Harry and Wilson, James A. resign.....	May 42
Photographs from far and near: Jan., 49; Feb., 19; March, 25; April, 78; May, 25; June, 35; July, 29; Aug., 27; Sept., 31; Oct., 31; Nov., 65.	
Col. James Pickands, Great Lakes freighter, details of.....	April 17
Pictures, latest marine events: Jan., 49; Feb., 19; March, 25; April, 78; May, 25; June, 35; July, 29; Aug., 27; Sept., 31; Oct., 31; Nov., 65.	
Piersol, Robert J., consulting engineer.....	Sept. 38
Point Breeze, converted diesel electric tanker.....	Nov. 14
Point Breeze diesel electric tanker enters service.....	Aug. 45
Port authorities meet at St. Louis.....	Oct. 36
Port Huron Coal Co.'s bunkering station.....	March 20
Port Newark attracts shipping by its location and equipment.....	Dec. 36
Port of New Orleans development.....	Jan. 50
Ports American record of traffic at principal: Jan., 55; Feb., 32; March, 32; April, 80; May, 31; June, 41; July, 34; Aug., 43; Sept., 34; Oct., 39; Nov., 84; Dec., 44.	
Powdered coal burner of new type.....	Aug. 45
Powdered coal conversion of S. S. Mercer.....	Oct. 48
Power and speed affected by wind.....	May 18
Power Specialty Co. opens Atlanta office.....	May 42
Powerful double acting diesel completes 30-day non-stop run Aug. 13	
Powerful motor drive pump on dredge.....	Aug. 39
Program to get the government out of the shipping business.....	Oct. 22
Progress section, dock management: Jan., 50; Feb., 24; March, 26; May, 28; June, 36; July, 35; Aug., 28; Sept., 32; Oct., 32; Nov., 66; Dec., 36.	
Propose diesel electric conversion.....	Oct. 34
Proposed diesel or oil-electric ferry.....	May 26
Proposed memorial to famous shipbuilder.....	May 23
Protective association Great Lakes reports.....	May 17
Public rooms on S. S. Yarmouth illustrated.....	Sept. 12
Pulverized coal for marine use makes progress.....	April 96
Pulverized coal is installed on large ocean freighter.....	Dec. 19
Pulverized coal its marine application.....	Aug. 21
Pump oil sludge.....	Jan. 78
Pump on dredge driven by powerful motor.....	Aug. 39
Purify oil for diesel engines.....	Nov. 60
Pusey & Jones receive order for new steamer.....	Sept. 39

R

Radio compass an aid to safety.....	Jan. 68
Radio direction finder on the lakes.....	Feb. 40
Railway and turntable illustrated and described.....	Feb. 40
Raymond, H. H., chairman, Agwi lines, personal sketch.....	July 42
Raymond, H. H., made chairman of Agwi.....	Feb. 46
Rebuild wrecked tanker at Robins plant.....	March 33
Rebuild wrecked tanker in gulf coast shipyard.....	July 21
Record cargo movement, Great Lakes.....	Feb. 14

Record cargo of stone, Carl D. Bradley.....	Nov. 74
Record voyage of motorship Japanese Prince.....	June 27
Red Book, Great Lakes 1927 edition ready.....	June 42
Red Cross calls the rolls on ships.....	Oct. 54
Red D liner, Caracas, enters service.....	Oct. 41
Reduce accidents on piers by common-sense methods.....	May 28
Reduce lake vessels fuel bill, Part I, Feb., 15; Part II, March, 23; Part III, April, 88; Part IV, May, 33.	
Reduce stevedoring accidents by thorough co-operation.....	July 35
Reports on lake diversion trial.....	Dec. 45
Resignations accepted—Philbin, J. Harry Wilson, James A., May	

Review of late books: Jan., 78; March, 38; May, 32; June, 38; July, 40; Aug., 42; Sept., 38; Oct., 40.	
Richlube, San Francisco, details of.....	April 62
River boats to be built by Dravo Contracting Co.....	May 40
River service inaugurated between Chicago and St. Louis.....	Aug. 62
River traffic increases on the Ohio river.....	Sept. 21
River transportation aids industry.....	Nov. 72
Riveter, air actuated, described.....	March 31
Robinson, T. W., self-unloader, delivering limestone at Bufington.....	Aug. 30
Rosbottom, Thomas H., heads Panama line.....	March 58
Rudder adapted for ships.....	Sept. 46
Rudder of new type tested on U. S. S. Converse.....	Dec. 24

S

Sabin, L. C., re-elected vice president lake carriers.....	May 17
Sadler, Herbert C., professor of naval architecture, personal sketch.....	June 46
Safety council meets.....	Jan. 76
Safety council meets at Chicago, Sept. 26-30.....	Sept. 44
Safety equipment recommended.....	March 29
Sail power aided by auxiliary motors.....	June 11
Sailing hour—bound south with coal.....	April 74
Sailing ships—a tribute to their influence.....	Aug. 16
Sale of U. S. lines discussed.....	Feb. 12
Sales recent, of American ships: Jan., 54; Feb., 48; March 44; May, 42; June, 56; Sept., 52.	
Salvage, Samuel A., orders large yacht.....	Oct. 40
Samona, twin screw diesel yacht.....	Nov. 53
San Francisco Honolulu service entered by S. S. Malolo.....	Dec. 39
Sand Merchant, self loading and unloading steamship.....	Oct. 24
Saratoga, large airplane carrier delivered.....	Dec. 43
Savarona II, twin screw diesel yacht.....	Nov. 36
Saw, electric of portable type.....	Aug. 38
Sawoka, motorship sea trials described.....	April 67
Schaubel, William, write son shipbuilding situation.....	July 40
Scott, Mrs. Kenneth A., sponsor at launching of Harry Coulby.....	June 23
Seattle's marine exhibit.....	Aug. 41
Seaworthiness of Malolo proven in collision.....	July 11
Self-docking a floating drydock.....	July 44
Self-unloader, Carl D. Bradley.....	May 22
Self-unloader, Carl D. Bradley delivers first cargo.....	Sept. 48
Seminole, converted diesel ocean freighter.....	Nov. 28
Seminole converted to diesel drive, sea trials described.....	Dec. 25
Seven year record of S. S. Algic.....	March 11
Seventy-five years of service.....	Jan. 12
Sharp, George G.—New arrangement, passenger quarters.....	April 68
Shawnee, passenger vessel launched at Newport News.....	May 46
Shave size affect life of wire rope.....	Aug. 39
Shipbuilders co-operate, increase organization.....	Feb. 56
Shipbuilding, Cramps discontinued.....	May 44
Shipbuilding in American yards during 1926.....	April 12-66
Shipbuilding increases according to Lloyd's.....	Aug. 37
Shipbuilding on Great Lakes shows profit.....	Oct. 23
Shipbuilding on the Great Lakes.....	Feb. 21
Shipbuilding on the Great Lakes active.....	Jan. 47
Shipbuilding will recover.....	Feb. 54
Shipments overseas increase.....	June 42
Shipping and shipbuilding show marked revival in British Isles.....	Aug. 24
Shipping board orders eight large diesel engines.....	Oct. 28
Shipping board sales of ships: Jan., 54; Feb., 48; March, 44; May, 42; June, 56; Sept. 52.	
Shipping company, Standard, organized.....	Sept. 37
Shipping to port Newark is increasing.....	Dec. 36
Ships completed or building during 1926.....	April 12-66
Ships over 100 tons, complete list of under construction during 1926.....	April 56-57
Ships under construction 1926, types.....	April 13
Shipyard, old New York, a brief description.....	Aug. 50
Short, Ira, appointed marine engineer.....	May 26
Side views, Isle de France.....	Aug. 14
Silencers of Maxim type installed on Yomachichi.....	June 38
Sister vessel, Islander and Nobska, under way.....	Dec. 45
Sliding ways used to move ships.....	April 104
Smaller diesel engines developed.....	Feb. 26
Smith, A. G., report on American S. B. Co.....	Oct. 23
Smith, Langdon W., manager New York Towboat Exchange.....	May 25
Smoke detector made to give alarm.....	July 50
Society of naval architects in annual meeting.....	Dec. 29
Society of naval architects to hold meeting in New York.....	Nov. 80
Southern Pacific Steamship Co. reduces accidents on piers.....	May 28
Specifications of river towboat Benwood.....	June 18
Speed and earning power increased.....	Nov. 61
Speed of converted diesel ships improve.....	Oct. 50
Speed of converted diesel ships improve.....	Sept. 50
Sperry representative appointed for west coast.....	May 50
Sprague, C. H. & Son Inc., appoint traffic manager.....	Aug. 16
Square riggers and seamanship.....	Nov. 54
St. Lawrence, new passenger steamers completed.....	July 41
St. Lawrence, S. S. passenger boat for Canada Steamship lines.....	Sept. 37
Standard Oil subsidiary organized, American ports: Jan., 55; Feb., 32; March, 32; April, 80; May, 31; June, 41; July, 34; Aug., 43; Sept., 34; Oct., 39; Nov., 84; Dec., 44.	
Steam towboat engine for Mississippi Barge line.....	June 50

# INDEX TO VOLUME LVII—Continued

Steamboat inspection service, annual report.....	Dec.	43
S. S. Harry Coulby is largest American lake cargo carrier.....	Oct.	12
Steamships ordered for Canadian West Indian service.....	Oct.	48
Stebbins, A. D., president, Merchants & Miners.....	Jan.	13
Steel Chemist, diesel freighter, Great Lakes, details of.....	April	36
Steel Electrician, diesel electric freighter described.....	June	24
Steering equipment of Sperry type.....	Nov.	64
Stellite used on dredge.....	July	30
Stepped and saw-tooth principal accommodations.....	April	68
Stern wheel diesel towboat launched.....	April	72
Sternwheel river towboat.....	Oct.	27
Stewart, Robert W., tanker to be launched.....	Dec.	43
Stratford Oakum Co., export.....	Dec.	54
Streamline rudder adapted for ships.....	Sept.	46
Stress need of merchant marine.....	Sept.	19
Stuyvesant, Peter, completed for Hudson river day line.....	July	18
Stuyvesant, Peter, Hudson river day line, details.....	April	20
Stuyvesant, Peter, Hudson river liner launched.....	March	15
Sunoco, coastal tanker, details of.....	April	32
Superheat improves ship operation.....	June	13
Supervising inspector second district appointed.....	Aug.	45
Swan, James, appointed marine superintendent.....	Dec.	33

## T

Tanker, Agwisum, rebuilt at Robins.....	March	33
Tanker completely rebuilt after explosion.....	July	21
Tanker diesel ordered from American Shipbuilding Co.....	May	42
Tanker is launched at Sun Shipbuilding & D. D. Co.....	Sept.	44
Tanker ordered by Crew, Levick and Co.....	Aug.	45
Tankers, diesel electric to be built abroad.....	Sept.	52
Taylor, David W., addresses naval architects.....	Dec.	29
Tebbo plant—Todd Shipyards launch diesel ferries.....	Aug.	23
Technical papers presented before naval architects.....	Dec.	31
Terminal facilities at Norfolk for foreign trade.....	Feb.	24
Terminals and Transportation Corp. of America organized.....	July	41
Terminals barge canal ready for traffic.....	March	26
Thomas, B. M., diesel tug.....	Jan.	54
Thorkote protective coating.....	Jan.	76
Thorpe, W. A.—Who's who in diesel electric drive.....	Nov.	74
To build new car ferry.....	April	100
To build new steamers.....	Sept.	39
To use geared turbines in new boat.....	Sept.	25
To use pulverized coal system on S. S. Mercer.....	Aug.	21
Toledo Shipbuilding Co. launched Wabash car ferry.....	May	21
Towboat for river to be built by Midland Barge Co.....	Oct.	48
Trade publications, new: Jan., 84; March, 68; June, 58; July, 54; Aug., 56; Oct., 58.....		
Traffic manager appointed.....	May	50
Trials S. S. Mercer proves successful.....	Dec.	19
Trinidad and Chagres diesel electric tugs.....	June	29
Triumph, Courageous and Defiance, diesel electric conversion.....	Oct.	36
Tug of steel to be built at Duluth.....	Aug.	37
Tugs, two ordered by New York state.....	Aug.	37
Turbine electric units for new coast guard cutters.....	May	12
Turbine reduction gear good record on S. S. Algic.....	March	11
Turbines and gearing in new Inter-Island vessel.....	Sept.	25
Twin Cities diesel electric vessel makes fast run.....	Oct.	40
Twin diesels drive sternwheel boat.....	Oct.	27
Tydol, coastwise twin screw diesel tanker.....	Nov.	32
Tydol, twin screw diesel propelled oil barge.....	July	32
Tyrer, Arthur J., appointed commissioner.....	July	41
Tyrer, Arthur J., commissioner of navigation, sketch.....	Aug.	46

## AUTHORS

Bacon, R. H.—Improve river towboat design.....	June	16
—Smaller diesel engines developed.....	Feb.	26
Barteldt, Wilford G.—Apply channel steel system.....	June	31
Biles, Hugh J. R.—Wind affects power and speed.....	May	18
Clark, Lee H.—Purify oil for diesel engines.....	Nov.	60
Cole, Geo. E.—Radio direction finder.....	Feb.	42
Coleman, H. C.—Diesel electric is practical.....	June	24
Delpoit, Vincent—British maritime affairs.....	May	35
—Exhibition at Olympia.....	Oct.	29
—Shipping revival in British Isles.....	Aug.	24
Ferguson, Mrs. L. A.—Sailing hour—bound south.....	April	74
Froggett, J. F.—River transportation aids industry.....	Nov.	72
Griffith, Vance—Corpus Christi, new ocean port.....	Nov.	66
Hammond, W. Scott—New Orleans port development.....	Jan.	50
Hill, Robert C.—Personal sketch of H. F. Alexander.....	Dec.	46
—Seattle's marine exhibit.....	Aug.	41
—Sketch of Capt. James Griffiths.....	May	38
—Stress need of merchant marine.....	Sept.	19
Holmes, Capt. Ralston S.—A merchant marine is needed.....	Oct.	11
Hoofnagle, Charles H.—Norfolk has modern terminal.....	Feb.	24
Jackson, James A.—Cut cost of cargo handling.....	June	36
Jansson, A. H.—Great lakes shipyards are busy.....	Feb.	21
—Lake shipyards are busy, a summary of.....	June	28
—Seven-year record of S. S. Algic.....	March	11
—Seventy-five years of service.....	Jan.	12
—Shipbuilding increased in 1926.....	April	12-66
—Sketch of Sadler, Herbert C.....	June	46
—To use pulverized coal system.....	Aug.	21
—Wabash, largest lake car ferry.....	Dec.	11
Jefferson, C. J.—Pulverized coal for marine use.....	April	96
Kreutzberg, E. C.—A personal sketch of John L. Crone.....	Sept.	42
—Malolo severely damaged.....	July	11
—Personal sketch of Ernest M. Bull.....	Feb.	28
—Personal sketch, William Francis Gibbs.....	Jan.	56

## U

Unicoi, converted diesel ocean freighter.....	Nov.	34
Unicoi, motorship, first trip.....	March	44
United Fruit steamer given trial trip.....	July	46
U. S. Diesel Conversion.....	Feb.	54
United States lines.....	Feb.	12
U. S. lines exhibit attracts attention.....	Oct.	37
United States lines show profit for fiscal year.....	Sept.	18
Use diesel drive in oil barge Tydol.....	July	32
Use oil engine electric drive.....	March	16

## V

Vise bench of drop forgings.....	March	31
----------------------------------	-------	----

## W

Wabash, car ferry launched at Toledo.....	May	21
Wabash, largest lake car ferry is designed for severe service.....	Dec.	11
Wakeman, S. W., manager of sales.....	Jan.	54
Wakeman, S. Wiley, personal sketch of.....	March	34
Wall fixtures of bakelite.....	Aug.	39
Washington Estep engines supplied for generator sets.....	Oct.	54
Washington Irving river steamer cleaned by mechanical process.....	June	42
We need diesel engined vessels to meet foreign operating costs.....	Nov.	12
Webb Institute of Naval Architecture Holds Competitive examinations.....	June	48
Weld, difficult on Norwegian tanker.....	Aug.	41
West Cussetta, motorship has sea trials.....	Feb.	54
West Haven, S. S. freighter with and without superheat.....	June	13
West Honaker, motorship, on sea trials.....	Jan.	43
Westinghouse Electric & Mfg. Co. appoints Ira Short.....	May	26
What the British are doing: Jan., 72; Feb., 34; March, 62; June, 44; July, 38; Aug., 34; Sept., 40; Oct., 42; Dec., 40.....		
What's doing around the lakes: Jan., 72; Feb., 34; March, 62; June, 44; July, 38; Aug., 34; Sept., 40; Oct., 42; Dec., 40.....		
Wheeler, H. J., tug fitted to pump oil sludge.....	Jan.	78
White Star line sold.....	Jan.	78
Who's who in diesel electric drive.....	Nov.	74
Wiggins, Shelby, appointed port director of Beaumont.....	Oct.	33
Willets Point, dredge U. S. Engineers.....	April	16
Wilmington Transportation Co. tugs fitted with diesel engines.....	Aug.	33
Wilcox to be converted at Fore River plant.....	Sept.	37
Wilson, James A., and Philbin, J. Harry, resign.....	May	42
Wind affects power and speed.....	May	18
Winton diesel engine in oil barge Tydol.....	July	32
Winton engines in Wilmington tugs.....	Aug.	33
Winton executive visits European plants.....	Feb.	46
Wire rope should have proper sheave sizes.....	Aug.	39
Workman, Clark & Co., build United Fruit steamer.....	July	46
World markets, ship sales in: Jan., 54; Feb., 44; March, 44; May, 42; June, 56; Sept., 52.....		
World shipbuilding will recover.....	Feb.	54
Worthington company sells auxiliary diesels.....	March	58

## Y

Yarmouth passenger line enters Boston-Nova Scotia run.....	Sept.	11
Yarmouth, passenger vessel, details of.....	April	24
Yarmouth, S. S. to enter service in June.....	June	22

—Personal sketch of H. H. Raymond.....	July	42
—Propose diesel electric conversion.....	Oct.	36
Laing, Capt. Geo. S.—Square riggers and seamanship.....	Aug.	16
Lambert, M. B.—Machinery and shipping.....	March	46
Lamm, L. M.—Personal sketch of Gen. A. C. Dalton.....	Nov.	70
—Personal sketch of T. V. O'Connor.....	April	70
—Sketch, Arthur J. Tryer, commissioner of navigation.....	Aug.	46
Lea, Roger A., and Slauer, Richard G. Correct lighting.....	Sept.	22
Lloyd, W. H.—Stern Wheel diesel towboat launched.....	April	72
Loomis, A. O.—Electrify shipboard auxiliaries.....	Nov. 57; Dec.	34
McIntyre, Milton D.—Reduce injuries on shipboard.....	Oct.	26
McKay, C.—A pilot's responsibility.....	July	20
Simonds, H. R.—M. S. Seminole made good on sea trials.....	Dec.	25
—Motorship West Honaker, sea trials.....	Jan.	43
—Personal sketch, Wiley S. Wakeman.....	March	34
Skillman, Harry B.—Maritime law, late decisions: Jan., 48; Feb., 23; March, 28; April, 82; May, 24; June, 40; July, 28; Aug., 26; Oct., 35; Nov., 62; Dec., 42.....		
Smith, C. Laurence—Personal sketch of Capt. Robert Dollar.....	Oct.	44
Smith, A. Mark—Reduce accidents on piers.....	May	28
Snow, Elliot—Guns and gunnery, Old Ironsides—III.....	Feb.	17
Stanbrook, R. C.—Are lake vessels efficient?.....	June	21
Sweeny, S. F. C.—Reduce stevedoring accidents.....	July	35
Vivian, P. H.—Cook by electricity on Malolo.....	Nov.	63
Whitaker, O. B.—Modern steering equipment suitable.....	Nov.	64
Wick, H. M.—Do big rebuilding job on S. S. Havana.....	Sept.	17
Williams, Maurice W.—Barge canal terminals.....	March	26
Woodhead, Ben Sykes—Beaumont plans for improvement.....	Oct.	32
—Rebuild wrecked tanker.....	July	21

## EDITORIAL

A merchant marine is necessary to guarantee national safety.....	Oct.	11
An American merchant marine is economically justified.....	May	11
Wanted—A responsible private operator for U. S. lines.....	Feb.	11